

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A data scanning device in which a scanning head is positioned relatively to a data medium comprising:

a driving mechanism which allows to move the data scanning head in steps,
a monitoring device which allows to measure an instantaneous position of the scanning head with at least a precision corresponding to a movement of one step,

a power regulating device which outputs energy to the driving mechanism, an amount of power being increased until the driving mechanism moves the data reading and/or writing head by one step, and the amount of power being reduced afterwards.

2. (Previously Presented) A data scanning device according to claim 1, wherein the monitoring device comprises an encoder which delivers a fixed number of encoder signals for each step by which the data scanning head moves.

3. (Currently Amended) A data scanning device in which a scanning head is positioned relatively to a data medium comprising:

a driving mechanism which allows to move the data scanning head in steps,
a monitoring device which allows to measure an instantaneous position of the scanning head with at least a precision corresponding to a movement of one step,

a power regulating device which outputs energy to the driving mechanism, an amount of power being increased until the driving mechanism moves the data reading and/or writing head by one step, and the amount of power being reduced afterwards. ~~A data scanning device according to claim 1,~~ wherein the desirable head speed is proportional to a square root of a remaining distance separating the data scanning head from a determined final position.

4. (Previously Presented) A data scanning device according to claim 1, wherein the adjustable speed is limited to a maximum speed and in that the regulating circuit regulates the adjustable speed to the maximum speed if the maximum speed is smaller than the desirable head speed.

5-10. Cancelled without prejudice.

11. (Currently Amended) A data player and /or recorder in which a scanning head is positioned relatively to a data medium carrying data tracks, such that the data tracks may be followed by the scanning head, comprising :

- a driving mechanism which allows to move the scanning head in steps,
- a fine positioning mechanism which allows to position the scanning head with a precision greater than one of said steps without activating the driving mechanism,
- a power regulating device which outputs energy to the driving mechanism, an amount of power being increased until the driving mechanism moves the scanning head by one step, and the amount of power being reduced afterwards,
- a correlating circuit which outputs a signal to the power regulating device depending on a state of the fine positioning mechanism.

12-19. Cancelled without prejudice.